

METHOD AND DEVICE FOR REMOVING
GAS FROM GAS-CONTAINING BLOOD

ABSTRACT OF THE DISCLOSURE

A method and device for removing gas from gas containing blood. A non-rotating cyclone eddy chamber has the blood circulating therein and centrifugal force separates the blood radially outward and the gas radially inward. The cyclone inlet comprises a blood inlet channel that extends in a helical circular form developed to narrow in funnel like manner in the direction of flow toward the cyclone eddy chamber to accelerate the blood flow entering that chamber tangentially. A gas outlet is arranged in the radially inner center of the cyclone eddy chamber path while the blood outlet is coaxial and outward of the gas outlet.

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